

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
213812US0SERIAL NO.
New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Hiroto HIGUCHI, et al.FILING DATE
HEREWITH

GROUP

11036 U.S. PTO
09/04/99
10/01/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	6,258,502	10/07/00	Nakamura et al.			
16	AB	6,183,926	02/06/01	Kuroda et al.			
16	AC	6,228,550	05/08/01	Matsuda et al.			
16	AD	5,840,456	11/24/98	Tanaka et al.			
16	AE	5,380,616	01/10/95	Aoki et al.			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
16	AO	51-143333	09/12/76	JAPAN (ENGLISH ABSTRACT)		
16	AP	57-148752	09/14/82	JAPAN (ENGLISH ABSTRACT)		
16	AQ	58-097056	06/09/83	JAPAN (ENGLISH ABSTRACT)		
16	AR	60-247250	12/06/85	JAPAN (ENGLISH ABSTRACT)		
16	AS	05-173354	07/13/93	JAPAN (ENGLISH ABSTRACT)		
16	AT	06-161144	06/07/94	JAPAN (ENGLISH ABSTRACT)		
16	AU	07-104500	04/21/95	JAPAN (ENGLISH ABSTRACT)		
16	AV	63-256964	10/24/88	JAPAN (ENGLISH ABSTRACT)		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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If examiner initial reference is considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
10	AAA	63-256964	10/24/88	JAPAN (ENGLISH ABSTRACT)		
16	AAA	11-095477	04/09/99	JAPAN (ENGLISH ABSTRACT)		
16	AAB	2000-105484	04/11/00	JAPAN (ENGLISH ABSTRACT)		
16	AAC	2000-310875	11/07/00	JAPAN (ENGLISH ABSTRACT)		
16	AAD	2001-005220	01/12/01	JAPAN (ENGLISH ABSTRACT)		
16	AAE	60-090344	05/21/85	JAPAN (ENGLISH ABSTRACT)		
16	AAF	64-015755	01/19/89	JAPAN (ENGLISH ABSTRACT)		
16	AAG	02-082267	03/22/90	JAPAN (ENGLISH ABSTRACT)		
16	AAH	03-229264	10/11/91	JAPAN (ENGLISH ABSTRACT)		
16	AAI	03-041470	02/21/91	JAPAN (ENGLISH ABSTRACT)		
16	AAJ	04-142301	05/15/92	JAPAN (ENGLISH ABSTRACT)		
16	AAK	07-098517	04/11/95	JAPAN (ENGLISH ABSTRACT)		
16	AAL	08-320593	03/12/96	JAPAN (ENGLISH ABSTRACT)		
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner

J Goodrow

Date considered

10/02

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Multiple)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 213812US0		SERIAL NO. 09/965,826	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Hiroto HIGUCHI, et al.		FILING DATE 10/01/01	
GROUP 1752							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	MARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,882,832	03/16/99	TOSAKA, et al.			
16	AB	5,429,901	07/04/95	MUTO, et al.			
16	AC	5,368,972	11/29/94	YAMASHITA, et al.			
16	AD	5,168,028	12/01/92	NANYA, et al.			
16	AE	4,956,258	09/11/90	WATANABE, et al.			
16	AF	4,908,290	03/13/90	WATANABE, et al.			
16	AG	6,004,715	12/21/99	SUZUKI, et al.			
16	AH	6,074,794	06/13/00	FUSHIMI, et al.			
16	AI	6,010,814	01/04/00	KOTSUGAI, et al.			
16	AJ	6,180,298	01/30/01	KURODA, et al.			
16	AK	6,074,795	06/13/00	WATANABE, et al.			
16	AL	6,103,441	08/15/00	TOMITA, et al.			
16	AM	6,303,258	10/16/01	KATOH, et al.			
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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Examiner's initial reference is considered whether or not citation is in conformance with MPEP 2136. Drawings are not appropriate for this reference and not considered. Include copy of this form with next communication to applicant.

Form PTO 144b
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

213812US0

SERIAL NO.

New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Hiroto HIGUCHI, et al.

FILING DATE

Herewith

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
10	AAA	63-256964	10/24/88	JAPAN (ENGLISH ABSTRACT)		
16	AAA	11-095477	04/09/99	JAPAN (ENGLISH ABSTRACT)		
16	AAB	2000-105484	04/11/00	JAPAN (ENGLISH ABSTRACT)		
16	AAC	2000-310875	11/07/00	JAPAN (ENGLISH ABSTRACT)		
16	AAD	2001-005220	01/12/01	JAPAN (ENGLISH ABSTRACT)		
16	AAE	60-090344	05/21/85	JAPAN (ENGLISH ABSTRACT)		
10	AAF	64-015755	01/19/89	JAPAN (ENGLISH ABSTRACT)		
16	AAG	02-082267	03/22/90	JAPAN (ENGLISH ABSTRACT)		
16	AAH	03-229264	10/11/91	JAPAN (ENGLISH ABSTRACT)		
16	AAI	03-041470	02/21/91	JAPAN (ENGLISH ABSTRACT)		
16	AAJ	04-142301	05/15/92	JAPAN (ENGLISH ABSTRACT)		
16	AAK	07-098517	04/11/95	JAPAN (ENGLISH ABSTRACT)		
16	AAL	08-320593	03/12/96	JAPAN (ENGLISH ABSTRACT)		
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Examiner

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Date Considered

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Form PTO 1449 (March 2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 213812US0		SERIAL NO. 09/965,826	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Hiroto HIGUCHI, et al.			
				FILING DATE October 1, 2001		GROUP 1752	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>H</i>	AA	5,935,751	08/10/99	H. MATSUOKA, et al.			
<i>ik</i>	AB	4,702,986	10/27/87	E. IMAI, et al.			
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<i>H</i>	AO	0 872 774	10 21 98	EUROPE			
<i>ik</i>	AP	0 926 563	06/30/99	EUROPE			
<i>ik</i>	AQ	1 168 089	01/02/2002	EUROPE			
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	Patent Abstracts of Japan, JP 2000-075536, March 14, 2000					
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Examiner	<i>H. Higuchi</i>	Date of Issuance	<i>1/2/02</i>
*Examiner's initial of reference is not required. Examiner's initial of reference is not required. Examiner's initial of reference is not required.			

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 213812US0		SERIAL NO. 09/965,826	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> O I P E APR 25 2002 C 48 39/11 PATENT & TRADEMARK OFFICE </div>				LIST OF REFERENCES CITED BY APPLICANT			
				APPLICANT Hiroto HIGUCHI et al. FILING DATE 10/01/2001 GROUP 1752			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
16	AA	5,554,478	09/10/96	KURAMOTO et al.			
16	AB	5,403,690	04/04/95	KURAMOTO et al.			
16	AC	5,879,849	03/09/99	SAWADA et al.			
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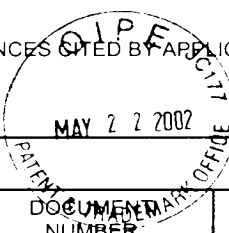
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*Examiner. Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

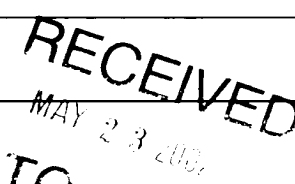
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
10	AA	5,288,577	02/22/94	YAMAGUCHI, et al.			
10	AB	6,303,257	10/16/01	HASEGAWA, et al.			
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				FILING DATE 10/01/01		GROUP 1752	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,721,083	02/24/98	MASUDA, et al.			
16	AB	5,554,478	09/10/96	KURAMOTO, et al.			
16	AC	5,403,690	04/04/95	KURAMOTO, et al.			
16	AD	5,344,732	09/06/94	CHIBA, et al.			
16	AE	4,980,258	12/25/90	AOKI, et al.			
16	AF	4,933,250	06/12/90	NAKAYAMA, et al.			
16	AG	4,950,573	08/21/90	YAMAGUCHI, et al.			
16	AH	4,762,763	08/09/88	NOMURA, et al.			
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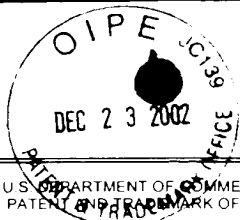
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				FILING DATE October 1, 2001		GROUP 1752	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>1/2</i>	AA	6,363,229	03/26/02	SHIRAISHI et al.			
<i>1/2</i>	AB	6,258,502	07/10/01	NAKAMURA et al.			
<i>1/2</i>	AC	6,406,826	06/18/02	SUZUKI, et al.			
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				FILING DATE October 01, 2001		GROUP 1752	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
16	AA	6,360,068	03/19/02	KINOSHITA, et al.			
16	AB	6,395,443	05/28/02	KURODA, et al.			
16	AC	6,403,275	06/11/02	KURAMOTO, et al.			
16	AD	6,432,589	08/13/02	UCHINOKURA, et al.			
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09/965,826

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APPLICANT

Hiroto HIGUCHI, et al.

FILING DATE

October 1, 2001

GROUP

1752

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16-	AA	6,335,137	01/01/02	SUZUKI, et al.			
16-	AB	6,168,894	01/02/01	AOKI, et la.			
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FOREIGN PATENT DOCUMENTS

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APPLICANT

Hiroto HIGUCHI, et al.

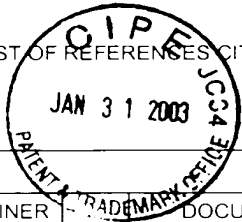
FILING DATE

October 1, 2001

GROUP

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LIST OF REFERENCES CITED BY APPLICANT



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
10	AA 6,337,957	01/08/02	TAMAKI et al.			
10	AB 6,442,364	08/27/02	KAI et al.			
10	AC 6,468,706	10/22/02	MATSUDA et al.			
10	AD 6,507,718	01/14/03	OHJIMI et al.			
10	AE 6,505,014	01/07/03	AOKI et al.			
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FOREIGN PATENT DOCUMENTS

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